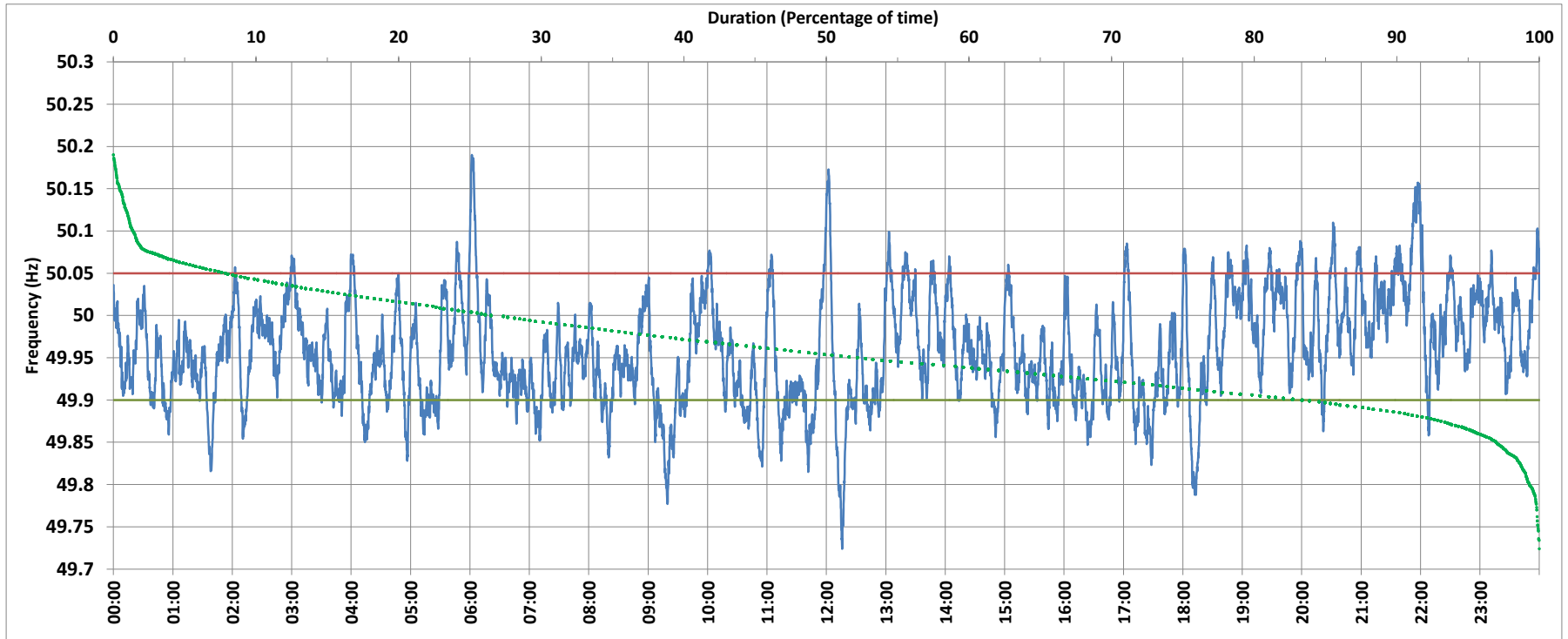


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI



SRIPERUMBUDUR:Frequency

National Grid Frequency Profile for 4/Nov/2017



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2
0.00	16.12	58.41	0.68	15.44	56.54	25.94	1.40	76.03	100.00	27.29	6.67	26.47	14.29	7.85	0.00

Average Frequency :	49.960	Frequency Variation Index :	0.056	Standard Deviation :	0.063
---------------------	--------	-----------------------------	-------	----------------------	-------

Instantaneous Frequency		
Max	50.190	6:01:50
Min	49.724	12:15:50

15 minute Average Frequency		
Max	50.087	22:00:00
Min	49.850	9:30:00

No. of excursions above 50.03 Hz	82
No. of excursions below 49.97 Hz	114
No. of excursions above 50.00 Hz	75
No. of excursions below 50.00 Hz	59

Average time freq remains below 49.97 per excursion	0:07:23	Average time frequency remains above 50.03 per excursion	0:02:31
---	---------	--	---------